Lifestyle Indices - Degree Days Index - v2

Domain Portfolio: Forecast | Domain: Lifestyle - Indices | Usage Classification: Standard

Geography: Global **Attribution Required:** n/a **Attribution Requirements:** n/a

Your content licensing agreement with TWC determines the number of days returned in the API response and is constrained by the API Key that is provided to your company.

Overview

The Forecast Indices API is sourced from the TWC Forecast system. The Degree Days index provides the indices for cooling degree days, growing degree days, and heating degree days.

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

URL Construction

Atomic API URL Examples:	
Degree Days - Daily API	
Request by Geocode (Latitude & Longitude): Required Parameters: geocode, language, format https://api.weather.com/v2/indices/degreeDays/daily/<duration>?**geocode=33.74,-84.39**&language=en-US&format=<json>&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/degreeDays/daily/3day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxDegreeDaysDaily3
https://api.weather.com/v2/indices/degreeDays/daily/5day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxDegreeDaysDaily5
https://api.weather.com/v2/indices/degreeDays/daily/7day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxDegreeDaysDaily7
https://api.weather.com/v2/indices/degreeDays/daily/10day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxDegreeDaysDaily10
https://api.weather.com/v2/indices/degreeDays/daily/15day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxDegreeDaysDaily15
Request by Postal Code: Required Parameters: postalCode, countryCode, language, format https://api.weather.com/v2/indices/degreeDays/daily/<duration>?**postalCode=94608**&**countryCode=US**&format=<json>&language=en-US&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/degreeDays/daily/3day?postalCode=94608&countryCode=US&format=json&language=en-US&apiKey=**yourApiKey**	v2idxDegreeDaysDaily3

Data Elements & Definitions

API Name	Field Name	Description	Type	Range	Sample	Nulls	Usage

						Allowed	
Repeating Elements: Unique to Forecast							
	fcstValid	Time forecast is valid ... start of the forecast period, always 7am local time.	[epoch]		1369306800	N	Display As Provided
	fcstValidLocal	Time forecast is valid ... start of the forecast period, always 7am local time.	[ISO]		2013-05-23T07:00:00-0400	N	Display As Provided
Repeating Elements: Common Per Time Segment							
	dow	Forecast valid day of week	[string]		Wednesday	N	Display As Provided
	num	Daily Segment (24hour)- Forecast valid day number. Day 0 = 1st valid day	[integer]		21	N	Display As Provided
Atomic Indices							
Cooling Degree Days	cdd	Cooling Degree Day, using based temperature of 65F	[integer]	0-100	2	N	Display As Provided
Growing Degree Days	gdd	Growing Degree Day, using base temperature of 50F	[integer]	0-100	5	N	Display As Provided
Heating Degree Days	hdd	Heating Degree Day, using based temperature of 65F	[integer]	0-150	17	N	Display As Provided

JSON Sample

JSON Sample - Daily

```
{
"metadata": {},
"degreeDaysIndex24hour": {      {//JSON payload},
"fcstValid": [],                {//JSON payload},
"fcstValidLocal": [],           {//JSON payload},
"num": [],                      {//JSON payload},
"dow": [],                      {//JSON payload},
"cdd": [],                      {//JSON payload},
"gdd": [],                      {//JSON payload},
"hdd": []                       {//JSON payload},
}
}
```